

01-07-02

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**NON-PROVISIONAL APPLICATION FOR U. S. PATENT  
UNDER 37 CFR 1.53(b)  
TRANSMITTAL FORM**

jc971 U.S. PTO

10/037179



**Attorney Docket No.** TI-31552  
Assistant Commissioner for Patents  
Washington, D. C. 20231

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Date of Deposit: October 23, 2001

Sir:

Transmitted herewith for filing is the patent application of:

**Inventor(s):** Alan Gatherer  
Tarik Muharemovic  
Everest W. Huang  
Srinath Hosur

**For:** **USING SISO DECODER FEEDBACK TO PRODUCE SYMBOL PROBABILITIES FOR  
USE IN WIRELESS COMMUNICATIONS THAT UTILIZE SINGLE ENCODER TURBO  
CODING AND TRANSMIT DIVERSITY**

Enclosed are:

- 11 Sheets of informal drawings and 24 pages of Specification (including Abstract)  
☒ A Declaration/Power of Attorney  
☒ Assignment with form PTO 1595  
☒ PTO Form 1449 and one copy of each document listed thereon

FEE CALCULATION					FEE
	NUMBER		NUMBER EXTRA	RATE	BASIC FEE \$ 740.00
Total Claims	20	-20 =	0	X \$18 =	0.00
Independent Claims	3	-3 =	0	X \$84 =	0.00
<b>Total Filing Fee</b>					<b>\$ 740.00</b>

Please charge Deposit Account No. 20-0668 in the amount of the total fees set forth. The Assistant Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 20-0668.

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